

[illegible]

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
CgF: Cedarcreek-----	0-3	Very channery loam	GC	A-2, A-4, A-6	---	30-55	45-60	40-55	30-50	20-40	25-35	7-12
	3-65	Extremely channery loam, very stony silt loam, very channery sandy loam	GC	A-2, A-4	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop----	0-60			A-1	---	75-90	0-10	0-5	0-5	0	---	NP
Ch: Chagrin-----	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	85-100	55-85	35-55	15-25	NP-5
	10-33	Silt loam, loam, sandy loam	ML, SM	A-2, A-4, A-6	0	0	90-100	75-100	55-90	30-80	20-40	NP-14
	33-65	Stratified gravelly fine sand to silt loam	ML, SM, SP-SM	A-2, A-4	0	0	75-100	65-100	40-85	10-80	20-40	NP-10
Holly-----	---	---	---	---	---	---	---	---	---	---	---	---
DPF: Dekalb-----	0-3	Channery sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	3-24	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Pineville-----	0-3	Very channery loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	15-30	55-90	50-85	45-80	30-75	25-35	4-10
	3-55	Channery loam, channery clay loam, very channery loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	---	0-10	55-85	50-80	45-75	30-65	25-40	6-15
	55-65	Very channery loam, very channery clay loam, very channery sandy loam	GC-GM, SC, SC-SM	A-1, A-2, A-4, A-6	---	5-20	35-75	30-70	25-65	20-60	12-25	4-12
Guyandotte-----	0-10	Channery loam	CL-ML, GC-GM, ML, SC-SM	A-1, A-2, A-4	---	20-50	25-65	20-60	15-55	10-55	20-30	NP-8
	10-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	CL-ML, GC-GM, ML, SC-SM	A-1, A-2, A-4	---	5-35	25-65	20-60	15-55	10-55	20-30	NP-8
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
FvF: Fiveblock-----	0-4	Very channery sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2	---	30-55	55-70	50-65	35-50	10-25	15-25	NP-7
	4-65	Extremely channery sandy loam, very stony sandy loam, very channery sandy loam	GC-GM, GM, SC-SM, SM	A-1, A-2	---	5-30	45-65	25-50	15-35	10-20	15-25	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
GwE: Gilpin-----	0-1	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	1-30	Channery loam, channery silt loam, silty clay loam	CL, CL-ML, GC, SC	A-6, A-2, A-4	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	30-36	Channery loam, very channery silt loam, very channery silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	36-40	Unweathered bedrock			---	---	---	---	---	---	---	---
Wharton-----	0-2	Silt loam	ML	A-4, A-6	---	0-5	95-100	90-100	80-95	70-90	20-60	4-15
	2-44	Clay loam, channery silty clay loam, channery silt loam	CL, ML	A-6, A-7	---	0-25	75-100	70-100	65-95	60-90	35-45	10-25
	44-48	Weathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
ImE: Itmann-----	0-9	Channery loam	CL, ML, SC, SM	A-2, A-4	---	0-10	65-85	60-80	50-75	30-60	20-30	NP-8
	9-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-15	30-55	25-50	20-45	10-35	15-25	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
ItF: Itmann-----	0-3	Extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-10	40-55	35-50	25-45	15-35	15-25	NP-7
	3-65	Very channery sandy loam, very channery loam, extremely channery sandy loam	GC-GM, GM	A-1, A-2	---	0-15	30-55	25-50	20-45	10-35	15-25	NP-7
Ka: Kanawha-----	0-10	Loam	CL, CL-ML, ML	A-4	0	0	80-100	75-100	65-100	50-90	20-35	2-10
	10-42	Loam, sandy clay loam, clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	80-100	75-100	60-100	25-80	20-40	3-15
	42-65	Fine sandy loam, gravelly fine sandy loam, sandy clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	60-100	55-100	40-95	20-60	20-35	2-12
Kc: Kanawha-----	0-10	Loam	CL, CL-ML, ML	A-4	0	0	80-100	75-100	65-100	50-90	20-35	2-10
	10-42	Loam, sandy clay loam, clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	80-100	75-100	60-100	25-80	20-40	3-15
	42-65	Fine sandy loam, gravelly fine sandy loam, sandy clay loam	CL, ML, SC, SM	A-2, A-4, A-6	0	0	60-100	55-100	40-95	20-60	20-35	2-12
Urbanland-----	0-6				---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
KeB: Kaymine-----	0-5	Very channery loam	GC	A-2, A-4, A-6	---	15-30	45-60	40-55	30-50	20-40	25-35	7-12
	5-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Wet Minesoil----	---	---	---	---	---	---	---	---	---	---	---	---
KmF: Kaymine-----	0-5	Very channery loam	GC	A-2, A-4, A-6	---	30-55	45-60	40-55	30-50	20-40	25-35	7-12
	5-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Cedarcreek-----	0-3	Very channery loam	GC	A-2, A-4, A-6	---	30-55	45-60	40-55	30-50	20-40	25-35	7-12
	3-65	Extremely channery loam, very stony silt loam, very channery sandy loam	GC	A-2, A-4	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Dekalb-----	0-3	Very channery sandy loam	CL-ML, GM, ML, SM	A-1, A-2, A-4	---	15-30	50-90	45-80	40-75	20-55	10-32	NP-10
	3-24	Channery sandy loam, channery loam, very channery sandy loam	GC-GM, GM, ML, SM	A-1, A-2, A-4	---	5-40	50-85	40-75	40-75	20-55	15-32	NP-9
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
KrF: Kaymine-----	0-5	Very channery loam	GC	A-2, A-4, A-6	---	30-55	45-60	40-55	30-50	20-40	25-35	7-12
	5-65	Extremely channery loam, very stony silt loam, very channery loam	GC	A-2, A-4, A-6	---	5-30	30-55	25-50	20-45	15-40	25-35	7-12
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Rock Outcrop----	0-60				---	---	---	---	---	---	---	---

Table H.--Engineering Index Properties--Continued

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